

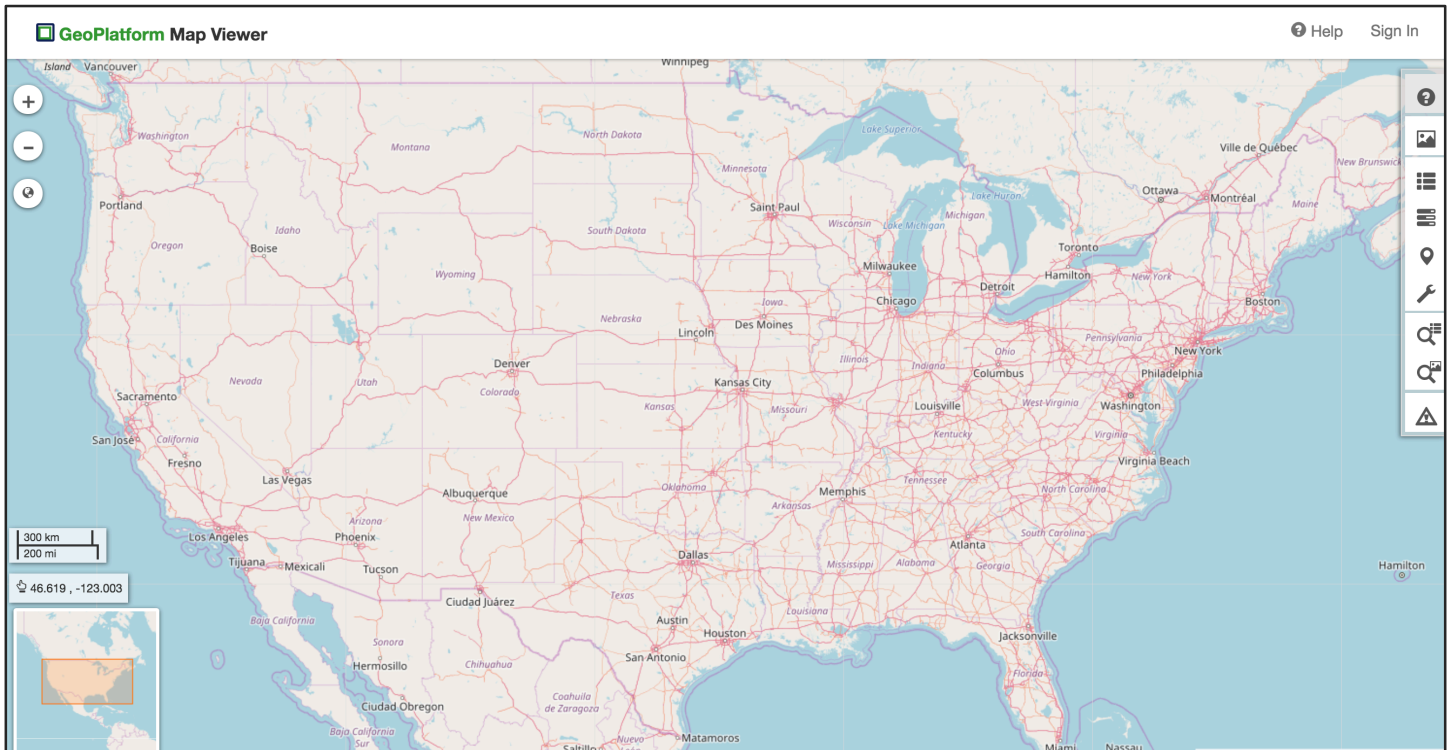
NGPI Beta Test Guide: Map Viewer

Go here: <https://stg-viewer.geoplatform.gov/>

Last Modified – 9/24/2018

What is it?

Intuitive, easy-to-use tool for finding, accessing, and sharing geospatial data provided by NGDA themes and other Web map services.



Features include:

- Search and browse published maps (layers)
- Advanced search of layers and saved maps
- Selectable basemap layer
- Gazetteer and Geolocation support
- Control layer ordering, visibility, opacity
- Feature upload using common formats
 - GeoJSON, KML, SHP, and CSV
- Add your own layers from WMS and ESRI REST services
- Measure distance and draw features
- Describe layer features (WMS)
- Bookmark locations
- Save and share maps (Web Map Context)
- Publish composed maps to Map Object Registry
- Create knowledge graphs for maps

Instructions:

1. Find and try each of the above features.
 - a. Usable? If not, why not?
 - b. Intuitively obvious? If not, got a suggestion?
 - c. Feelings? (Like/Dislike/Meh)
2. Spend quality time with it. Try the use-case scenario below then invent your own.
3. Find a bug? Please send any bugs, questions, comments, or recommendations to Lara Duffy at larad@imagemattersllc.com
 - a. Include in subject line: **“Map Viewer Beta Test”**
 - b. Don't hold back! Send us feedback as you go.
 - c. Let us know soonest if you need help or have questions.
4. If you are having trouble logging in, you may be experiencing issues with Single Sign On (SSO) when switching between Beta and Production environments. Please clear your browser's cache and cookies, and then refresh the page (e.g <ctrl>-F5 and try again).

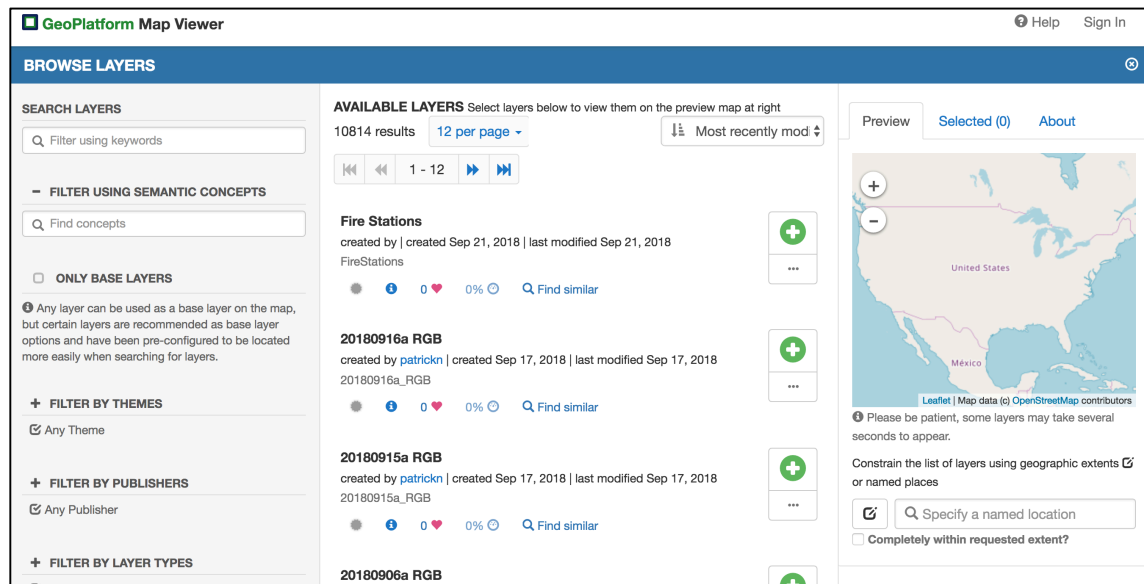
A Typical Use-Case Scenario

UC-1: Use Map Viewer to compose and publish a GeoPlatform Map Object

Precondition: The GeoPlatform Layer Registry is populated with WMS & ESRI “map objects” (map server layers).

Steps:

- 1) Log into Map Viewer
- 2) Select the **“Find Layers to add to the map”** button from the toolbar
- 3) Apply search criteria using free text, themes, publisher(s), types, author, reliability, or any combination thereof




- 4) Select one or more layers to add to the map
 - a. Selected layers should be shown in the preview window.
- 5) Check the “Only Base Map Layers” box to quickly select from one of the common basemap options.
- 6) Select **“Apply”** to add selected layers to the current map
- 7) Select the **“My Map”** button from the toolbar
- 8) Provide additional information about your map
 - a. Name, description, keywords, author name, and author organization
- 9) Select **“Save”**
- 10) Open the **“Find Maps”** pane using the appropriate button from the toolbar and ensure that your saved map is present.

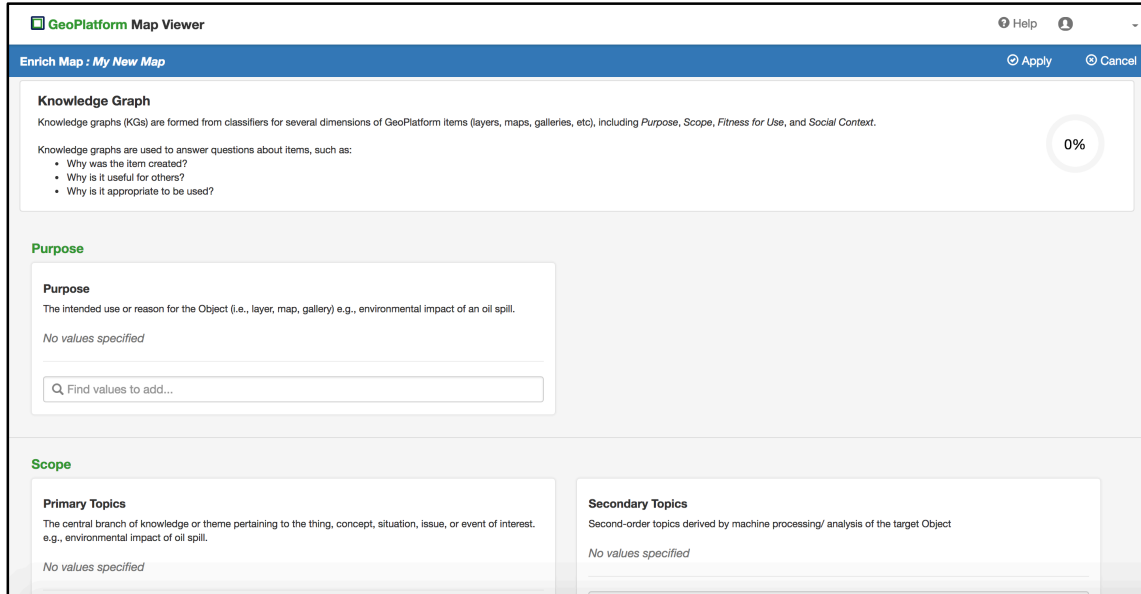
Postcondition: Saved map is present in **“Find Maps”** with selected WMS & ESRI map server layers persisting.

UC-2: Add knowledge Graph information to your map.

Precondition: You have completed UC-1.

Steps:

- 1) In the map that you created in UC-1, select “My Map” on the right-side menu.
- 2) Then click 



- 3) To enrich the map, go through the different sections of the ‘Knowledge Graph’ page and enter values into each category.
 - a. As values are selected the percentage in the top right will go up.
- 4) When you are finished, click apply.
- 5) Then click ‘Save’.

Postcondition: The map has an enrichment value higher than 0%.

UC-3: Searching locations and creating bookmarks

Precondition: You have accessing map viewer.

Steps:

- 1) Select “**Map tools**” in the right side menu
- 2) In the **Location** section, type in the name of a city, state, or country. The dropdown menu will provide options. Select one of the option in the dropdown menu.
 - a. The map will automatically zoom to that location.

GeoPlatform Map Viewer Help Sign In

TOOLS

BOOKMARKS

After focusing the map on a specific location, save that location by giving it a name and clicking the plus button.

- Continental US
- Washington, D.C.

Create a new bookmark +

LOCATION

Focus the map on a geographic location using either your current location or by looking up a named place, address, or lat/long coordinate.

Q Seattle

Seattle Washington US

(Seattle) Jalisco MX 38901

Seattle Dorris California US

Seattle Kaunlaran PH 1111

Seattle PH 1808

Seattle Joyas de Kino Sonora MX

MEASURE

Select the type of measurement below. Click on the map to set distance or area.

distance

- 3) Zoom in to the extent you would like to use as the bookmark
- 4) In the **Bookmarks** section, type in the name you would like to use to bookmark this extent
- 5) Then click the “+” sign.

Postcondition: The bookmark was created.